

2002 FRUIT HIGHLIGHTS

● AVOCADO

Hawaii County's 2002 avocado crop totaled 700 thousand pounds, up 17 percent from 2001. Weather conditions were sunny and relatively dry in most of the major growing areas. As a result, large commercial farms that have irrigated fields experienced average to good yields. Many of the smaller farms with unirrigated plantings, however, reported experiencing relatively poor yields. Also contributing to the higher output was a 9 percent increase in harvested acreage to 250 acres. Farm prices averaged 56.0 cents per pound in 2002, down 2 percent from the 57.0 cents per pound average of 2001. The lower farm price was the result of an increase in market supply as local production and imports from the U.S. mainland both increased in 2002. Farm revenues totaled \$392 thousand in 2002, up 15 percent from the previous year and the highest total in 11 years.



● BANANAS

In 2002, Hawaii County's banana output was pegged at 19.5 million pounds, down 30 percent from the previous year and declining for the second consecutive year. A large reduction of Cavendish banana acreage caused a sharp decline in both supply and revenue for the year. Banana Bunchy Top Virus (BBTV) remains a concern for growers. Last September the disease was found again in Kailua-Kona on Hawaii County after undergoing an eradication effort. In January 2003, the virus was confirmed in Pukalani, the first incidence for Maui County. Growers on Kauai and Honolulu counties continued to monitor and rogue infected plantings to control the disease. Weather for 2002 was favorable with no major wind damage to orchards. Total acreage as of February 2003 was 1,440 acres, 220 acres less than February last year. Harvested acreage totaled 1,300, down 190 acres from a year earlier. Banana sales is valued at \$8.4 million in 2002, falling 21 percent from 2001.

● GUAVAS

Hawaii County processed guava utilization in 2002 totaled 9.7 million pounds compared to 15.3 million pounds processed in 2001. Output was lower with limited sales and reduced yields. Hawaii County growers reported growing other crops and abandoning guava orchards due to lower prices. Total acreage was down 70 acres to 640, and harvested was 60 acres below to 550 in 2002. Reduced guava sales lowered value 33 percent from the previous year to \$1.5 million.

● PAPAYAS

Fresh papaya utilization totaled 42.7 million pounds in 2002, 18 percent below last year and declining after three consecutive years of increase. Fresh fruit accounted for virtually all utilization with 93 percent of the total. Outshipments made up 50 percent of the total output. Processed papaya utilization increased 7 percent in 2002 to 3.2 million pounds. Processed papayas accounted for 7 percent of papaya utilization compared to 5 percent last year. The State's harvested 2002 papaya acreage was down 230 acres to 1,720 acres mainly due to smaller acreage on Hawaii County. Growers planted mainly Rainbow and Kapoho varieties.

● PINEAPPLES

Fruit harvested for fresh sales totaled 234 million pounds in 2002, up 6 percent from the 2001 total. Fresh sales accounted for 37 percent of the total pineapple production. Processed pineapple utilization totaled 406 million pounds in 2002, down 5 percent from 2001. About 63 percent of the State's pineapple crop was processed during the year.

MARKET SUPPLY: FRESH FRUITS

MARKET SUPPLY: Fresh market fruits, State of Hawaii, 1998-2002 ^{1 2}

Commodity		1998 ³	1999	2000	2001	2002	Hawaii market share 2002
		----- 1,000 pounds -----					Percent
Apples:	Inshipments		15,588	14,915	13,622	11,802	
Avocados:	Inshipments		616	825	952	1,197	
	Hawaii	500	600	640	600	700	37
Bananas:	Inshipments		8,484	9,055	6,321	8,211	
	Hawaii	21,000	24,500	29,000	28,000	19,500	70
Cantaloupe melons:	Inshipments		8,334	8,877	9,641	8,349	
	Hawaii ⁴						
Grapefruit:	Inshipments		1,992	1,930	1,713	1,753	
Grapes:	Inshipments		7,541	8,546	7,145	8,543	
Honeydew melons:	Inshipments		4,125	4,448	2,698	2,334	
	Hawaii ⁴						
Lemons:	Inshipments		2,937	3,492	3,321	3,259	
Limes:	Inshipments		881	882	935	1,092	
	Hawaii ⁴						
Nectarines:	Inshipments		2,053	2,074	2,016	2,345	
Oranges:	Inshipments		7,714	12,109	11,017	12,683	
	Hawaii ⁴						
Papayas:	Hawaii ⁵	14,470	18,075	24,100	26,355	21,490	
Pears:	Inshipments		4,001	3,944	3,423	3,216	
Pineapples:	Hawaii	42,000	46,800	34,700	39,800	37,200	
Tangerines:	Inshipments		1,262	856	649	875	
	Hawaii ⁴						
Watermelons:	Inshipments		2,531	2,804	2,065	2,216	
	Hawaii	15,800	11,400	12,600	10,500	11,300	84
All other fruits:	Inshipments		8,824	10,639	11,463	12,429	
	Hawaii	3,474	6,556	5,416	6,056	9,907	44
Unspecified fruits:	Inshipments ⁶		14,000	13,000	8,366	11,248	
Total:	Inshipments		90,883	98,396	85,347	91,552	
	Hawaii	97,244	107,931	106,456	111,311	100,097	52
	All		198,814	204,852	196,658	191,649	

¹ Excludes pineapples, guavas, papayas, and passion fruit used for processing, and quantities shipped out-of-State.

² Inshipment data was provided by the Market Analysis and News Branch of the State Department of Agriculture.

³ Inshipment data not available.

⁴ Data not shown separately to avoid disclosure of individual operations but combined and included with "All other fruits".

⁵ Fresh intrastate sales only. Excludes mainland and foreign fresh sales.

⁶ Inshipment of "Unspecified fruits" were prorated based on the amount of known fruits imported into the State.

TROPICAL SPECIALTY FRUIT

TROPICAL SPECIALTY FRUIT: Number of farms, acreage, number of trees, production, price, and value, State of Hawaii, 1998-2002 ¹

Crop	Farms ²	Acreage		Number of trees		Utilized production ³	Farm price ³⁴	Value of sales
		In crop	Harvested	Total	Bearing			
<i>Number ----- Acres ----- 1,000 pounds Dollars per pound 1,000 dollars</i>								
Longan								
1998 ⁵								
1999 ⁵								
2000	40	40	10	2,300	500	24	4.02	94
2001	35	90	30	4,700	1,500	37	3.05	111
2002	40	120	35	6,600	1,900	46	3.20	147
Lychee								
1998	75	245	60	13,200	3,200	157.2	1.96	308.5
1999	80	275	45	12,900	3,100	86.0	2.81	242.0
2000	90	300	50	15,200	3,700	5	5	5
2001	85	305	65	16,400	4,300	5	5	5
2002	90	330	95	15,500	5,000	77.0	2.64	203.0
Mango								
1998 ⁵								
1999	80	240	85	11,200	4,600	162.0	1.02	166.0
2000	105	250	100	12,000	5,500	207.0	.93	193.0
2001	70	255	185	11,100	8,200	242.0	.86	209.0
2002	80	260	200	10,700	7,100	377.0	.92	348.0
Rambutan								
1998	50	180	70	9,800	4,700	139.2	3.03	421.5
1999	60	205	70	9,400	3,500	113.0	2.88	326.0
2000	70	225	85	9,800	5,000	220.0	2.98	656.0
2001	60	245	100	12,500	6,400	205.0	3.01	618.0
2002	55	270	145	13,200	6,800	257.0	3.01	773.0
Starfruit								
1998	25	25	25	1,900	1,900	37.1	.97	36.0
1999	25	20	15	1,800	1,700	96.0	.66	63.0
2000	30	20	15	1,800	1,700	107.0	.64	69.0
2001	40	20	15	2,000	1,900	69.0	1.06	73.0
2002	50	25	15	2,100	1,800	63.0	1.51	95.0
Other								
1998	--	350	85	23,900	5,000	376.1	--	402.9
1999	--	170	55	8,900	3,700	189.0	--	243.0
2000	--	125	50	6,700	3,400	169.0	--	309.0
2001	--	155	65	8,900	5,100	188.0	--	297.0
2002	--	165	70	10,900	4,800	142.0	--	194.0

See footnotes at end of table.

Continued

TROPICAL SPECIALTY FRUIT

TROPICAL SPECIALTY FRUIT: Number of farms, acreage, number of trees, production, price, and value, State of Hawaii, 1998-2002 ¹ -- Continued

Crop	Farms ²	Acreage		Number of trees		Utilized production ³	Farm price ^{3,4}	Value of sales
		In crop	Harvested	Total	Bearing			
	<i>Number</i>	<i>----- Acres -----</i>				<i>1,000 pounds</i>	<i>Dollars per pound</i>	<i>1,000 dollars</i>
Total								
1998	130	800	240	48,800	14,800	709.6	--	1,168.9
1999	140	910	270	44,200	16,600	646.0	--	1,040.0
2000	145	960	310	47,800	19,800	727.0	--	1,321.0
2001	145	1,070	460	55,600	27,400	741.0	--	1,308.0
2002	160	1,170	560	59,000	27,400	962.0	--	1,760.0

-- = Not applicable. ¹ Tropical specialty fruits include: abiu, atemoya, breadfruit, caimito, canistel, cherimoya, durian, jaboticaba, jackfruit, langsat, longan, loquat, lychee, mango, mangosteen, persimmon, poha, rambutan, rollina, sapodilla, soursop, starfruit, white sapote, and other fruits. If not shown separately, then combined and included in "Other" category. ² A farm may grow more than one type of fruit. Total farms is an unduplicated count; excludes home use. ³ Includes fresh and processed utilization when applicable. ⁴ Beginning 2001, price shown reflects average prices received as sold by farmers (loose, packed, etc.), excluding any value added through processing. Prior to 2001, prices for fresh sales were adjusted to prepacked equivalent. ⁵ Data not shown separately to avoid disclosure of individual operations but combined and included with "Other".

TROPICAL SPECIALTY FRUIT: Number of farms, acreage, production, and value, by counties, 1998-2002

Island	Farms	Acreage		Utilized production ¹	Value of sales
		In crop	Harvested		
	<i>Number</i>	<i>----- Acres -----</i>		<i>1,000 pounds</i>	<i>1,000 dollars</i>
State ²					
1998	130	800	240	709.6	1,168.9
1999	140	910	270	646.0	1,040.0
2000	145	960	310	727.0	1,321.0
2001	145	1,070	460	741.0	1,308.0
2002	160	1,170	560	962.0	1,760.0
Counties:					
Hawaii					
1998	80	315	3	3	3
1999	85	375	110	256.0	397.0
2000	85	405	135	329.0	651.0
2001	80	515	180	351.0	736.0
2002	90	585	250	417.0	1,008.0
Honolulu/Kauai/Maui ⁴					
1998	50	485	3	3	3
1999	55	535	160	390.0	643.0
2000	60	555	175	398.0	670.0
2001	65	555	280	390.0	572.0
2002	70	585	310	545.0	752.0

¹ Includes fresh and processed utilization when applicable.

² Specialty pineapple excluded beginning 1998.

³ Data not shown separately to avoid disclosure of individual operations but combined and included in the State total.

⁴ Kauai and Maui combined with Honolulu to avoid disclosure of individual operations.

PINEAPPLES

PINEAPPLES: Number of farms, acreage, production, disposition, price, and value, State of Hawaii, 1998-2002 ¹

Year	Farms	Acreage used for crop	Production (fresh weight)	Disposition		Farm price		Value of production (fresh weight)
				Processed (fresh weight)	Fresh market	Processed ²	Fresh market ³	
	<i>Number</i>	<i>1,000 acres</i>		<i>1,000 tons</i>		<i>Dollars per ton</i>		<i>1,000 dollars</i>
1998	15	21.0	332	221	111	131	575	92,776
1999	15	21.0	352	230	122	126	594	101,448
2000	15	20.7	354	232	122	130	585	101,530
2001	15	20.1	323	213	110	129	626	96,337
2002	15	19.1	320	203	117	136	624	100,616

¹ Includes specialty pineapple.

² Estimate to reflect value of fresh fruit delivered processing plant door based on average contract prices of independent growers.

³ Estimate to reflect value at wholesale establishments for local sales and shipper dock for mainland and foreign sales.

PINEAPPLES: Fresh market sales, processed value, and total value, State of Hawaii, 1998-2002

Year	Fresh market sales		Processor value of canned fruit and juice production ³	Total value: Fresh market and processed ⁴
	Quantity ¹	Value ²		
	<i>1,000 tons</i>		<i>Million dollars</i>	
1998	111	63.8	81.3	145.1
1999	122	72.5	72.3	144.8
2000	122	71.4	60.8	132.2
2001	110	68.9	67.7	136.6
2002	117	73.0	71.0	144.0

¹ Market Analysis and News Branch of the State Department of Agriculture. Includes all destinations.

² Value FAS shipping point for outshipments, delivered wholesalers local sales.

³ Value of canned fruit and juices and by-product shipped out-of-State and sold within State.

⁴ Pineapple Growers Association of Hawaii.

PINEAPPLES: Outshipments of fresh pineapples, State of Hawaii, 1998-2002

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
	<i>1,000 pounds</i>												
1998	12,109	11,237	17,451	13,841	13,248	14,618	18,926	16,245	12,498	16,518	15,532	17,695	179,918
1999	13,564	12,237	18,052	16,603	18,477	18,805	20,645	13,305	15,929	16,490	17,700	15,388	197,195
2000	14,692	14,022	18,769	21,214	21,773	22,782	17,877	17,040	13,197	16,451	16,718	14,806	209,341
2001	13,864	13,519	16,254	16,276	19,480	17,541	18,073	14,212	9,901	12,671	12,307	16,058	180,156
2002	14,978	11,978	16,610	16,898	20,524	20,126	20,448	13,534	14,044	15,032	16,997	15,574	196,744

Source of outshipment data: Market Analysis and News Branch of the State Department of Agriculture.

AVOCADOS: Number of farms, acreage, yield, production, price, and value, State of Hawaii, 1998-2002

Year	Farms	Acreage ¹		Yield per acre ²	Production	Farm price	Value of sales
		In crop	Bearing				
	<i>Number</i>	<i>----- Acres -----</i>		<i>----- 1,000 pounds -----</i>		<i>Cents per pound</i>	<i>1,000 dollars</i>
1998	95	330	240	2.1	500	52.0	260
1999	120	360	230	2.6	600	60.0	360
2000	130	360	220	2.9	640	58.0	371
2001	140	360	230	2.6	600	57.0	342
2002	140	370	250	2.8	700	56.0	392

¹ At end of year.

² Production divided by bearing acreage.

BANANAS: Distribution of harvested acreage by yield, State of Hawaii, 2001-2002

Stratum: Yield per harvested acre	Variety							
	Hawaii Apple ¹				Cavendish and others ²			
	Harvested acres		Average yield		Harvested acres		Average yield	
	2001	2002	2001	2002	2001	2002	2001	2002
<i>Pounds</i>			<i>----- Pounds -----</i>				<i>----- Pounds -----</i>	
Over 30,000	3	3	3	3	150	3	30,700	3
20,001 - 30,000	³ 116	³ 122	³ 25,000	³ 24,200	677	³ 510	24,000	³ 23,600
10,001 - 20,000	135	147	14,400	11,100	26	108	12,100	17,700
10,000 and Under	349	341	5,400	4,300	37	72	3,600	6,600
Overall Average Yield	600	610	11,200	9,500	890	690	23,900	28,300

¹ Includes Dwarf Hawaii Apple and Apple bananas, formerly called Brazilian.

² Includes Chinese, Williams, Valery, Grand Nain, Bluefields, Dwarf Bluefields, and other bananas. Previous publications provide a breakdown for Bluefields.

³ Over 30,000 pounds per acre combined with 20,001-30,000 pounds per acre to avoid disclosure of individual operations.

BANANAS

BANANAS: Number of farms, acreage, yield, production, price, and value, by counties, 1998-2002

Year	Farms	Acreage		Yield per acre ³	Utilized production	Farm price	Value of sales
		In crop ¹	Harvested ²				
Number		----- Acres -----		----- 1,000 pounds -----		Cents per pound	1,000 dollars
State ⁴							
1998	200	1,600	1,420	14.8	21,000	35.0	7,350
1999	210	1,760	1,420	17.3	24,500	35.0	8,575
2000	210	1,710	1,460	19.9	29,000	36.0	10,440
2001	200	1,660	1,490	18.8	28,000	38.0	10,640
2002	210	1,440	1,300	15.0	19,500	43.0	8,385
Counties:							
Hawaii							
1998	50	740	665	16.7	11,100	31.0	3,430
1999	45	830	650	18.2	11,800	32.5	3,819
2000	45	815	665	21.4	14,200	34.5	4,927
2001	50	790	730	23.0	16,800	37.5	6,302
2002	50	815	740	20.4	15,100	42.0	6,340
Honolulu							
1998	75	715	655	13.1	8,600	38.0	3,268
1999	85	785	670	16.9	11,300	35.5	4,039
2000	80	760	685	19.7	13,500	35.5	4,826
2001	75	710	645	15.7	10,100	37.5	3,768
2002	70	460	440	7.5	3,300	44.0	1,459
Kauai							
1998	40	60	50	10.0	500	42.5	212
1999	40	60	50	10.2	510	42.5	218
2000	45	60	50	11.0	550	43.0	236
2001	45	75	55	9.5	520	45.5	237
2002	50	80	60	9.2	550	46.5	256
Maui							
1998	35	85	50	16.0	800	55.0	440
1999	40	85	50	17.8	890	56.0	499
2000	40	75	60	12.5	750	60.0	451
2001	30	85	60	9.7	580	57.5	333
2002	40	85	60	9.2	550	60.0	330

¹ As of February following year, i.e., acreage data shown for 2002 is as of February 1, 2003.

² Acreage reflects quarterly average during the year.

³ Utilized production divided by acreage harvested.

⁴ Sum of county estimates may not add to State total due to rounding.

BANANAS: Production, acreage, and price, State of Hawaii, 1998-2002

Year	Fresh utilization ¹													Acreage	
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total or average	In crop	Harvested

----- 1,000 pounds ----- Acres -----

All Bananas

1998	1,196	1,096	1,261	1,359	1,516	1,943	2,163	2,117	2,112	2,095	2,063	2,079	21,000	1,600	1,420
1999	1,739	1,743	1,968	1,714	2,124	2,090	2,323	2,500	2,363	2,151	1,820	1,965	24,500	1,760	1,420
2000	2,148	2,221	2,583	2,371	2,442	2,620	2,553	2,350	2,638	2,465	2,603	2,006	29,000	1,710	1,460
2001	2,145	2,025	2,390	2,285	2,480	2,520	2,530	2,620	2,490	2,295	2,175	2,045	28,000	1,660	1,490
2002	1,445	1,315	1,450	1,415	1,490	1,815	1,740	2,025	1,695	1,725	1,640	1,745	19,500	1,440	1,300

Hawaii Apple ²

1998	344	345	388	367	308	281	322	367	385	390	397	506	4,400	660	510
1999	487	442	418	392	398	402	360	386	390	429	403	393	4,900	700	530
2000	410	438	496	479	407	447	440	445	454	458	518	508	5,500	735	550
2001	425	495	615	565	635	630	560	590	565	565	475	580	6,700	760	600
2002	505	455	500	460	495	495	540	470	465	480	450	485	5,800	715	610

Cavendish and Others ³

1998	852	751	873	992	1,208	1,662	1,841	1,750	1,727	1,705	1,666	1,573	16,600	940	910
1999	1,252	1,301	1,550	1,322	1,726	1,688	1,963	2,114	1,973	1,722	1,417	1,572	19,600	1,060	890
2000	1,738	1,783	2,087	1,892	2,035	2,173	2,113	1,905	2,184	2,007	2,085	1,498	23,500	975	910
2001	1,720	1,530	1,775	1,720	1,845	1,890	1,970	2,030	1,925	1,730	1,700	1,465	21,300	900	890
2002	940	860	950	955	995	1,320	1,200	1,555	1,230	1,245	1,190	1,260	13,700	725	690

Farm price for fresh market

Cents per pound

All Bananas ⁴

1998	36.0	38.5	37.5	38.0	37.5	35.5	34.5	33.5	33.0	32.5	33.5	34.5	35.0
1999	37.0	38.5	38.0	37.5	35.0	33.5	32.5	33.0	33.0	33.5	36.5	35.0	35.0
2000	36.0	38.5	37.5	39.0	37.5	34.5	33.0	32.0	33.0	36.5	36.5	38.0	36.0
2001	38.5	42.0	40.0	38.0	40.5	37.5	37.0	36.0	36.0	36.0	35.0	39.5	38.0
2002	43.0	45.0	45.5	45.0	46.0	42.5	41.5	39.0	41.5	43.5	43.5	42.5	43.0

Hawaii Apple ²

1998	49.5	49.5	49.0	49.0	50.0	53.0	53.0	51.0	50.5	50.0	49.5	48.5	50.0
1999	48.0	47.5	47.0	47.0	47.5	47.5	47.5	48.0	47.5	47.5	48.0	48.0	47.5
2000	46.5	46.5	46.0	47.5	47.0	47.0	47.0	47.5	47.5	47.0	46.5	47.5	47.0
2001	50.0	50.0	51.0	51.0	51.5	50.5	50.0	50.5	51.0	51.0	50.0	50.0	50.5
2002	49.5	50.5	49.5	49.0	50.5	51.0	51.0	50.5	51.5	51.5	51.5	49.5	50.5

Cavendish ⁵

1998	30.0	33.5	32.5	33.5	34.0	32.5	31.0	29.5	28.5	28.5	29.5	30.0	30.5
1999	32.5	35.0	35.5	34.5	31.5	30.0	29.5	30.0	30.0	29.5	33.0	31.5	31.5
2000	33.5	36.0	35.5	36.5	35.5	31.5	30.0	28.0	30.0	34.0	34.0	34.5	33.0
2001	36.0	39.0	36.0	34.0	36.5	33.5	33.0	32.0	31.5	31.5	30.5	35.5	34.0
2002	39.5	41.5	42.5	42.5	43.5	39.5	37.0	35.5	37.5	40.5	41.0	39.5	39.5

¹ Monthly production rounded to the nearest 5,000 pounds beginning 2001. ² Includes Dwarf Hawaii Apple and Apple bananas, formerly called Brazilian. ³ Includes Chinese, Williams, Valery, Grand Nain, Bluefields, Dwarf Bluefields, and other bananas. Previous publications provide a breakdown for Bluefields. ⁴ Includes Bluefields, Dwarf Bluefields, and other bananas. ⁵ Includes Chinese, Williams, Valery, and Grand Nain.

PAPAYAS

PAPAYAS: Number of farms, acreage, yield, utilization, price, and value, by counties, 1998-2002¹

Year	Farms ²	Acreage ²		Yield per acre ³	Utilized produc- tion	Utilization		Price per pound			Value of utilized production
		In crop	Harvested			Fresh	Processed	Fresh	Processed ⁴	All	
<i>Number ----- Acres ----- ----- 1,000 pounds ----- ----- Cents ----- 1,000 dollars</i>											
State											
1998	262	3,555	2,120	18.8	39,900	35,600	4,300	35.0	3.0	31.6	12,589
1999	222	3,500	1,940	21.9	42,400	39,400	3,000	40.2	3.0	37.6	15,929
2000	236	2,845	1,650	33.0	54,500	50,250	4,250	31.6	3.0	29.4	16,007
2001	221	2,860	1,950	28.2	55,000	52,000	3,000	27.9	3.0	26.5	14,598
2002	164	2,320	1,720	26.7	45,900	42,700	3,200	27.7	3.0	26.0	11,924
Counties:											
Hawaii											
1998	208	2,715	1,640	18.9	31,050	26,750	⁵ 4,300	31.1		27.2	8,439
1999	168	2,595	1,415	20.1	28,455	25,455	⁵ 3,000	36.3		32.8	9,327
2000	174	2,005	1,130	33.8	38,200	33,950	⁵ 4,250	29.7		26.8	10,223
2001	158	2,385	1,635	26.5	43,290	40,290	⁵ 3,000	25.1		23.6	10,216
2002	122	2,050	1,540	25.4	39,080	35,880	⁵ 3,200	25.2		23.4	9,135
Honolulu											
1998	23	525	300	18.3	5,485	5,485	0	55.1		55.1	3,022
1999	22	550	335	24.7	8,265	8,265	0	52.3		52.3	4,322
2000	34	510	335	34.4	11,515	11,515	0	34.7		34.7	3,996
2001	29	330	225	41.9	9,425	9,425	0	38.3		38.3	3,613
2002	21	155	110	45.5	5,005	5,005	0	40.0		40.0	2,002
Kauai											
1998	21	245	135	15.3	2,065	2,065	⁵	⁶ 33.5		⁶ 33.5	⁶ 1,128
1999	22	285	145	32.8	4,760	4,760	⁵	⁶ 40.1		⁶ 40.1	⁶ 2,280
2000	23	275	160	24.7	3,945	3,945	⁵	⁶ 37.4		⁶ 37.4	⁶ 1,788
2001	24	105	70	24.2	1,695	1,695	⁵	⁶ 33.7		⁶ 33.7	⁶ 769
2002	13	70	50	22.2	1,110	1,110	⁵	⁶ 43.4		⁶ 43.4	⁶ 787
Maui											
1998	10	70	45	28.9	1,300	1,300	0	⁶		⁶	⁶
1999	10	70	45	20.4	920	920	0	⁶		⁶	⁶
2000	5	55	25	33.6	840	840	0	⁶		⁶	⁶
2001	10	40	20	29.5	590	590	0	⁶		⁶	⁶
2002	8	45	20	35.3	705	705	0	⁶		⁶	⁶

¹ Sum of county estimates may not add to State total due to rounding.

² Average of monthly estimates.

³ Utilized production divided by acreage harvested.

⁴ Data not shown separately to avoid disclosure of individual operations but combined and included in the State total.

⁵ Kauai combined with Hawaii to avoid disclosure of individual operations.

⁶ Maui combined with Kauai to avoid disclosure of individual operations.

PAPAYAS: Acreage, utilization, outshipments, and price, State of Hawaii, 1998-2002

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total or average
Harvested acres¹													
1998	1,735	1,740	1,750	1,775	2,175	2,460	2,440	2,420	2,310	2,240	2,215	2,185	2,120
1999	2,190	2,135	2,100	2,145	2,155	2,025	2,035	2,025	1,615	1,620	1,605	1,635	1,940
2000	1,635	1,675	1,655	1,655	1,670	1,585	1,330	1,610	1,725	1,690	1,695	1,875	1,650
2001	1,870	1,845	2,025	2,025	2,025	2,035	2,020	1,955	1,940	1,920	1,920	1,825	1,950
2002	1,830	1,925	1,930	1,935	1,935	1,725	1,680	1,610	1,500	1,500	1,490	1,580	1,720
Utilization (fresh and processed) - 1,000 pounds													
1998	3,395	2,910	2,995	3,605	3,790	3,160	3,620	3,420	2,770	3,200	3,335	3,700	39,900
1999	3,310	3,155	3,315	3,475	3,655	3,440	3,490	3,705	3,695	3,835	3,785	3,540	42,400
2000	3,310	3,575	4,655	5,185	5,325	5,245	5,375	4,445	3,510	4,290	4,585	5,000	54,500
2001	5,065	4,045	4,670	4,740	5,150	5,230	4,370	4,325	4,390	5,185	4,435	3,395	55,000
2002	3,445	3,450	3,540	3,320	3,615	3,620	4,245	4,655	3,705	4,165	4,285	3,855	45,900
Total fresh papaya utilization - 1,000 pounds													
1998	2,875	2,655	2,845	3,375	2,995	2,685	3,095	2,785	2,495	3,165	3,250	3,380	35,600
1999	2,975	2,985	3,155	3,260	3,365	3,215	3,225	3,315	3,480	3,520	3,565	3,340	39,400
2000	3,175	3,440	4,610	4,700	4,625	4,425	4,665	3,860	3,355	4,255	4,430	4,710	50,250
2001	4,930	4,040	4,600	4,380	4,530	4,745	3,985	4,190	4,105	4,940	4,330	3,225	52,000
2002	3,345	3,310	3,375	2,995	3,210	3,285	3,915	3,745	3,585	4,035	4,135	3,765	42,700
Intrastate fresh papaya utilization - 1,000 pounds													
1998	1,020	1,130	1,025	1,310	1,160	945	1,210	1,155	1,040	1,415	1,499	1,561	14,470
1999	1,405	1,390	1,305	1,500	1,645	1,410	1,385	1,475	1,610	1,695	1,720	1,535	18,075
2000	1,560	1,730	2,255	2,185	2,060	1,880	1,925	1,835	1,685	2,170	2,465	2,350	24,100
2001	2,890	2,120	2,425	1,955	1,870	2,320	1,845	2,125	2,215	2,325	2,345	1,920	26,355
2002	1,860	1,670	1,885	1,655	1,770	1,825	1,795	1,735	1,665	1,990	1,885	1,755	21,490
Outshipments of fresh papayas - 1,000 pounds													
1998	1,855	1,525	1,820	2,065	1,835	1,740	1,885	1,630	1,455	1,750	1,751	1,819	21,130
1999	1,570	1,595	1,850	1,760	1,720	1,805	1,840	1,840	1,870	1,825	1,845	1,805	21,325
2000	1,615	1,710	2,355	2,515	2,565	2,545	2,740	2,025	1,670	2,085	1,965	2,360	26,150
2001	2,040	1,920	2,175	2,425	2,660	2,425	2,140	2,065	1,890	2,615	1,985	1,305	25,645
2002	1,485	1,640	1,490	1,340	1,440	1,460	2,120	2,010	1,920	2,045	2,250	2,010	21,210
Farm price for fresh market sales (to all markets) - cents per pound													
1998	31.6	38.9	50.2	43.2	33.4	40.4	36.5	31.8	35.9	30.0	23.8	26.8	35.0
1999	29.5	35.5	41.1	44.2	44.7	44.3	43.7	44.4	39.9	37.0	35.1	42.7	40.2
2000	44.9	44.8	38.8	39.6	26.7	25.7	36.3	34.5	30.2	22.7	21.0	21.0	31.6
2001	23.8	26.9	30.0	31.7	28.3	28.5	30.0	27.7	27.3	26.0	26.5	28.9	27.9
2002	29.4	29.5	28.3	30.2	30.4	28.3	27.9	27.5	26.9	24.9	25.3	26.1	27.7

¹ Total is average of monthly data.

GUAVAS

GUAVAS: Number of farms, acreage, farm production, price, and value, by counties, 1998-2002

Year	Farm production					
	Farms	Acreage		Utilized Production	Farm price ²	Value of sales
		In crop ¹	Harvested			
	<i>Number</i>	<i>----- Acres -----</i>		<i>1,000 pounds</i>	<i>Cents per pound</i>	<i>1,000 dollars</i>
State						
1998	125	890	710	14,600	12.2	1,781
1999	130	870	630	10,700	12.0	1,284
2000	130	800	680	15,900	12.9	2,051
2001	110	710	610	15,300	14.1	2,157
2002	85	640	550	9,700	15.0	1,455
Counties:						
Hawaii						
1998	120	430	320	7,100 ₃	12.2 ₃	866 ₃
1999	125	430	240	3	3	3
2000	120	340	240	3	3	3
2001	100	260	170	3	3	3
2002	80	200	110			
Honolulu/Kauai/Maui ⁴						
1998	5	460	390	7,500 ₃	12.2 ₃	915 ₃
1999	5	440	390	3	3	3
2000	10	460	440	3	3	3
2001	10	450	440	3	3	3
2002	5	440	440			

¹ Includes planting intentions.

² State average grower price. Equivalent F.O.B. plant, county of production.

³ Data not shown separately to avoid disclosure of individual operations but combined and included in the State total.

⁴ Kauai and Maui combined with Honolulu to avoid disclosure of individual operations.

GUAVAS: Farm production, State of Hawaii, 1998-2002

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
<i>1,000 pounds</i>													
1998	971	658	900	809	679	504	855	1,150	1,849	3,154	1,912	1,159	14,600
1999	487	286	819	480	279	491	633	735	1,468	2,216	1,962	844	10,700
2000	963	905	1,011	494	855	681	805	862	1,085	3,092	3,065	2,082	15,900
2001	1,434	501	363	646	1,032	1,041	1,244	1,385	2,236	1,761	2,298	1,359	15,300
2002	693	507	425	525	514	1,016	497	228	832	1,868	1,820	775	9,700